Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 03 Jan 2022 until 23:59 on Tuesday 04 Jan 2022

Forecast Issued on Monday 03 Jan 2022 at 03:54

Confidence: High for rather unsettled, often windy, conditions and becoming generally much colder than recently, but lower with regard to arrival and clearance times of more prolonged precipitation.

Headline for Monday 03 Jan 2022: Largely dry with sunny spells and winds easing. Isolated showers. Rain, then snow likely towards midnight.

Mountain weather hazards on Monday 03 Jan 2022

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Sleet
Precipitation probability					
20%	20%	30%	20%	20%	30%

Forecast for Monday 03 Jan 2022

Weather: Clear or sunny spells, albeit the sunshine rather hazy at times although a few heavy showers also likely. The odd burst of hail possible during heaviest showers. Cloud increases through the evening with outbreaks of rain developing. Turning to snow above 500m by midnight.

Chance of cloud free mountain/hill tops above 600m: 80% falling to 40% during the evening.

Visibility: Periods of cloud obscuring routes above 600m at times, before becoming more persistent through the evening. Otherwise visibility very good falling to several kilometres in showers and rain. Falling to less than 1km in any snow by midnight.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Monday 03 Jan 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	32/40 SW	32/40 SW	29/40 SW	27/37 SW	22/30 SW	17/24 W	15/22 N
300	23/31 SW	23/31 SW	21/31 SW	20/31 SW	16/25 SW	12/20 SW	11/19 NW
Valley	12/30 SW	13/29 SW	14/30 SW	14/29 SW	10/22 SW	7/17 SW	10/21 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-3	4/-3	4/-2	5/-2	4/-2	3/-2	0/-6
300	7/2	6/2	7/3	7/3	6/2	5/2	3/-1
Valley	7/3	7/3	8/4	8/4	7/4	6/3	3/-0
Freezing Level*	1100m	1200m	1200m	1100m	1200m	1100m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Most routes fine and fairly mild for January for much of the day, especially at low levels. However, it will be colder at height especially with the brisk winds, and with the chance of being caught in a shower or two, warm waterproof and windproof layers will be essential. Notable deterioration in conditions likely close to midnight.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 03 Jan 2022	0mm	0mm	1.8mm

Forecast for Tuesday 04 Jan 2022

Weather: Rain, spreading south and east, falling increasingly as snow above 300m, clearing around dawn. A fine day with plenty of winter sunshine follows. Despite the sunshine, it will be feeling much colder than of late, especially in the brisk winds. The chance of one or two snow showers moving in from the west, mainly later.

Maximum wind: Northwesterly 25mph with gusts 30-40mph.

Chance of cloud free mountain/hill tops above 600m: 80% increasing to near 100%

Visibility: Early cloud on hills above 500m clearing, then very little cloud away from any showers that move in from the west. Visibility generally excellent, but around 1km in in the early snow and occasionally below this across highest routes.

Temperature: **Valleys:** Plus 1 Celsius rising to Plus 5 Celsius, falling after dark to Minus 2 Celsius.
At 600m: Minus 3 Celsius
Freezing level: Soon falling to 400m, then surface after dark

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